

<p style="text-align: center;"><b>Substitute for form 1449A-B/PTO</b></p> <p style="text-align: center;"><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p style="text-align: center;">(use as many sheets as necessary)</p> <p style="text-align: right;">RECEIVED JUL 11 2002 U.S. PATENT &amp; TRADEMARK OFFICE ENTRANCE RECEIVED JULY 11 2002</p>	<b>Complete if Known</b>	
	<b>Application Number</b>	<b>10/071,877</b>
	<b>Filing Date</b>	<b>February 8, 2002</b>
	<b>First Named Inventor</b>	<b>Robert C. Downs</b>
	<b>Group Art Unit</b>	<b>1743</b>
	<b>Examiner Name</b>	<b>Unassigned</b>
	<b>Attorney Docket Number</b>	<b>36-001810US</b>
	<b>Date Submitted</b>	<b>June 27, 2002</b>

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appeal
		Number	Kind Code (if known)			
	AA	3,635,394		Natelson	01-18-1972	
	AB	5,242,370		Silver et al.	09-07-1993	
	AC	5,578,269		Yaremko et al.	11-26-1996	
	AD	5,769,775		Quinlan et al.	06-23-1998	
	AE	6,060,022		Pang et al.	05-09-2000	

## FOREIGN PATENT DOCUMENTS

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

**Examiner  
Signature**

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	09/780,589
Filing Date	February 8, 2001
First Named Inventor	Robert C. Downs
Group Art Unit	1743
Examiner Name	Unassigned
Attorney Docket Number	36-001800US
Date Submitted	June 28, 2002

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if known)			
	3,957,650			Petrushkin et al.	05/18/1976	
	5,166,889			Cloyd	11/24/1992	
	5,171,532			Columbus et al.	12/15/1992	
	5,279,150			Katzer et al.	01/18/1994	COPY OF PAPERS ORIGINALLY FILED
	5,562,823			Reeves	10/08/1996	
	RE 36,341			Howell	10/12/1999	
	6,033,355			Smith et al.	03/07/2000	

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Examiner Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number	Kind Code (if known)				

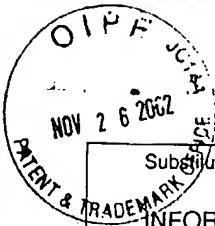
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
		Brochure No. 800Z-1.0: "Bulletin 800Z: Zero-Force Touch Buttons" by Rockwell Automation (June 1999)	
		Robert M. Setbacken, "Application of Rotary Optical Encoders and Resolvers in Brushless Servo Motors", available on the internet at < <a href="http://www.renco.com/106014.htm">http://www.renco.com/106014.htm</a> >, reprinted as pp. 1-11 (date unknown, but as early as November 3, 2000).	

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Examiner Signature	Date Considered	4/1/2002
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(Modified) PTO/SB/08A-B (10-96)  
Approved for use through 10/31/99. OMB 0651-0031

<p><b>TRADEMARK INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(use as many sheets as necessary)</p>	Complete if Known	
	Application Number	10/071,877
	Filing Date	February 8, 2002
	First Named Inventor	Robert C. Downs
	Group Art Unit	1743
	Examiner Name	Unassigned
	Attorney Docket Number	36-001810US
	Date Submitted	November 21, 2002

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appeal
		Number	Kind Code (if known)			
JL	AA	5,895,346		Wells et al.	04-20-1999	

Examiner Signature		Date Considered	4/11/2004
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